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**United States Army Materiel Command**

**Field Assistance in Science & Technology Program**

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## BACKGROUND

During 1983-84, the Packard and Hermann Reports recommended that the working relationship between the field army and the AMC labs/centers be enhanced. In June 1984, a CG AMC-appointed Task Force recommended establishment of AMC Science/Technical Advisers at each major Army field command; points of contact at AMC activities; and a Program Director to manage this effort. A pilot FAST program was initiated in January 1985. Based on its success and the recommendations of a worldwide FAST Assessment Team, the CG AMC directed that AMC-FAST be institutionalized in April 1988.

## ORGANIZATION

**Director's Office**

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Phone: (703) 664-5482 (Commercial)
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**Science Advisers**

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**EUSA,** Seoul
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**SOUTHCOM,** Panama
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Phone: (507) 82-3012

**WESTCOM,** Ft. Shafter, HI
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Phone: (808) 438-1480

**USARJ,** Tokyo
DDN: FAST.JAPAN@STL-HOST1.ARPA
Phone: AV 233-4442

**FORSCOM,** Atlanta
DDN: FAST.FORSCOM@STL-HOST1.ARPA
Phone: AV 572-3732

**NTC,** Ft. Irwin, CA
DDN: FAST.NTC@STL-HOST1.ARPA
Phone: AV 470-3755

**AMC-FAST**
**Rapid Response to Field**
**Army Technical Problems**

## AMC-FAST MISSION

Provide senior Army commanders with adequate scientific/technical staffs and development funds to:

- Provide quick-reaction solutions to technical field problems
- Demonstrate new technology systems in SITU
- Assist in influencing the materiel requirements process
- Improve communication between laboratories/centers and operational forces
- Illuminate reliability, maintainability, and supportability issues

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## AMC FIELD ASSISTANCE IN SCIENCE AND TECHNOLOGY
## SERVING SOLDIERS SINCE 1985

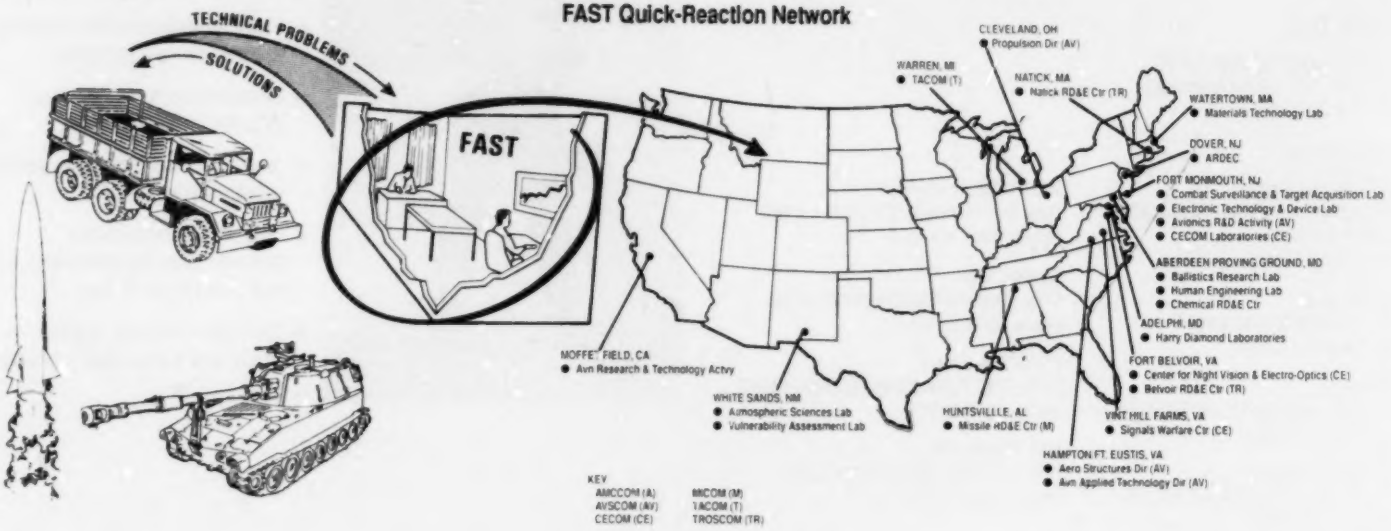
"Our priority is to fulfill user needs. I charge you to find new and better ways to reach the user, understand his needs and deliver the best hardware for the job."
GEN Wagner, CG AMC, Jan 88

"Your job is to go out and find problems and then solve them." GEN Otis, CINC USAREUR, Jan 85

"Mike was invaluable!" LTG Dyke, CG USARJ & IX Corps, Sep 87

"The FAST office represents all AMC laboratories and covers the full spectrum of equipment from clothing to communications. I encourage you to take advantage of the opportunity AMC has offered us." MG Wiegand, Chief of Staff, FORSCOM, Oct 87

"AMC is at war every day. AMC does in peacetime what it will do if we must go to war."
GEN Wagner, CG AMC, Jan 88



## AMC-FAST
## Enhancing Field Army Readiness Through Technology

**Field Teams**

Consist of Science Adviser (GM-15) /Science Adviser and Technical Adviser(s) (GS-14), serving major Army and Corps commanders worldwide. Advisers are selected from AMC labs/centers for nominal 2-year tours, serve at invitation of host Commander, and represent all AMC labs/centers during their assignment. Responsibilities are to:

- Work directly with operational command and devote time with soldiers and equipment in the field.
- Identify and report on areas where technology can enhance operational readiness.
- Initiate technology demonstrations.
- Use the Defense Data Network (DDN) to communicate in real time with the FAST community toward mission accomplishment.

**AMC Lab/Center Quick-Reaction Points of Contact (POCs)**

Located at each AMC lab/center

Designated by Technical Director/Commander (primary POC) and dedicated to support FAST technology needs

Normally respond to requests for proposals and technical information within 3 workdays

Participate in annual FAST family meetings •

**FAST Director's Office**

Responsible for all FAST activities

Reports to CG, AMC through DCS-TPM

Manages FAST Program through:

- Evaluating technical proposals for guideline compliance
- Approving project activities and providing funding
- Evaluating advisor effectiveness
- Maintaining AMC awareness of FAST activities
- Insuring proper recruitment, selection, and placement of advisers

## AMC-FAST
## Rapid Response to Field Army Technical Problems

**GOALS**

Improve communication between AMC labs/ centers and supported commands.

Rapidly identify and resolve technical problems to enhance operational readiness.

Obtain information on long-term technology, materiel needs, and problems.

Focus resources to rapidly resolve technical problems in the field with emphasis on technology demonstrations.

Establish a direct technical information loop between the field and RD&E labs/centers.

Develop a cadre of scientists/engineers within the RD&E community who have field operations experience.

**RESOURCES**

Senior scientists/engineer advisers serving major Army and corps commanders.

Dedicated points of contact at each AMC lab/center forming a direct link between field advisers and RDTE community.

Program Director/Deputy reporting directly to CG AMC through DCS TPM, providing FAST program management and organizational support.

Funding provided by DCS TPM for:

- Technology demonstrations
- Prototypes for field evaluation
- Salaries and all support costs.

**GUIDELINES**

FAST projects are initiated by the on-site adviser/team. Criteria includes one or more of the following:

- Formulate and evaluate a solution concept
- Accelerate new technology
- Enhance capability of deployed systems
- Provide studies/analysis support unique to lab/center capabilities
- Evaluate capability of nondevelopment items/systems.

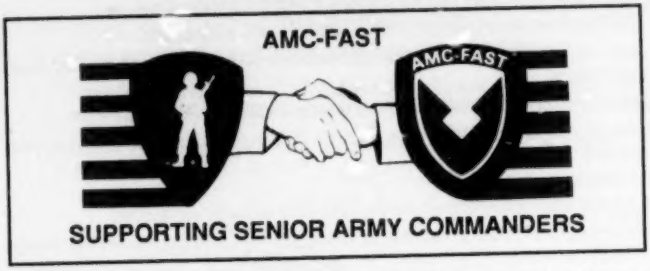
**FAST DIRECTOR'S RESPONSIBILITIES:**

Evaluate appropriateness of project requests from field advisers.

Approve and provide funding.

Evaluate effectiveness of field team members.

# The Army Materiel Command Field Assistance in Science & Technology Program




AMC-FAST is composed of scientist/engineer teams recruited from AMC labs/centers serving major Army and Corps commanders; supported by dedicated rapid response points of contact at each AMC lab/center; managed by a program Director reporting to CG AMC through the Deputy Chief of Staff (DCS) for Technology Planning and Management (TPM). This network focuses AMC resources to rapidly identify and solve field army technical problems through technology demonstrators.

US ARMY
MATERIEL COMMAND